UNIVERSITY OF VIRGINIA, May 8-9, 2018
School of Engineering and Applied Science
Department of Systems and Information Engineering

Systems in Context
Research panels and papers on the topics that support systems in context research—as illustrated below:

**Systems in Context:**
- Formative methods: requirements
- Integration, deployment, assurance
- Human factors
- Safety and security

**Decisions/Control & Design; Systems Modeling:**
- Optimization, Multiple Objectives, Synthesis
- Risk & resiliency
- Collaborative autonomy
- Coordination and distributed decision-making

**Prediction:**
- Prescriptive modeling; state estimation
- Stochastic approximation, stochastic optimization and control

**Integrative Data Engineering:**
- Sensor management
- Design of experiments

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